



OFFICE OF THE ADJUTANT GENERAL  
1703 COONSKIN DRIVE  
CHARLESTON, WEST VIRGINIA 25311-1085

[WWW.WVANG.ANG.AF.MIL/HRO](http://WWW.WVANG.ANG.AF.MIL/HRO)

**CORRECTION**

**TECHNICIAN VACANCY ANNOUNCEMENT**

**ANNOUNCEMENT NUMBER: MT 05-176**



OPENING DATE: 01 November 2005

CLOSING DATE: **02 December 2005**

LOCATION: Aircraft Maintenance Organization, West Virginia Air National Guard, Martinsburg WV, 167th AW

JOB TITLE AND NUMBER: Electronic Integrated System Mechanic, 80096000.

PAY PLAN, OCCUPATION CODE AND GRADE: WG-2610-12.

Unit will convert to C-5A aircraft in 2006

SALARY RANGE: \$19.67 - \$22.95 per hour.

**(6 POSITIONS)**

To be filled upon availability of resources

PCS Funds are not available

**NATIONWIDE**

TYPE OF APPOINTMENT: Excepted –Enlisted.

CREDIT FOR COLLEGE HOURS MUST BE DOCUMENTED WITH COLLEGE TRANSCRIPTS.

INDIVIDUAL SELECTED FOR THIS POSITION WILL BE REQUIRED TO SIGN UP FOR DIRECT DEPOSIT/ELECTRONIC FUND TRANSFER UPON APPOINTMENT TO THE POSITION.

**AREA(S) OF CONSIDERATION:** AREA ONE: Current on-board full-time support personnel in the WVNG.

AREA TWO: All members of the West Virginia National Guard.

AREA THREE: All members of the National Guard nationwide and other when eligible for membership in the WVNG.

MILITARY MEMBERSHIP AND UNIFORM REQUIREMENTS: Military membership in the appropriate service and wearing of the uniform appropriate to the service and federally recognized grade are requirements for appointment in the excepted service.

MAJOR DUTIES AND QUALIFICATION REQUIREMENTS: A review of the major duties and necessary qualifications are attached for your information.

**List the dates of service in conjunction with all sources of employment (including military assignment) that provided experience in the duties of the position for which you are applying.**

HOW TO APPLY: Anyone interested in applying for this position should submit a completed **AGO Form 690-47-R-E**, "Application For WVNG Technician Employment" with all attachments, to the Human Resource Office, The Adjutant General's Department, 1703 Coonskin Drive, Charleston, WV 25311-1085, **POSTMARKED** on or before the closing date noted above. **NOTE:** Applications that are submitted for this announcement will not be returned to applicant. **Applications may be obtained from the HRO Web Page. Do not submit applications in folders or binders.**

EVALUATION OF SKILLS: (1) Experience; (2) Training; (3) Education:

Applicant's should specifically address each of the job-related KSA's in their application. State when, where and how you obtained each; either through experience, education or training. Failure to submit this information may affect your ranking for referral for this position.

CONSIDERATION WILL BE GIVEN TO ALL QUALIFIED APPLICANTS WITHOUT REGARD TO RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, POLITICS, AGE, MEMBERSHIP OR NON-MEMBERSHIP IN AN EMPLOYEE ORGANIZATION.

POINT OF CONTACT: MSgt Robin L. Chestnut, DSN 623-6433, Comm 561-6433. Email [Robin.Chestnut@WV.NGB.ARMY.MIL](mailto:Robin.Chestnut@WV.NGB.ARMY.MIL). Applications submitted in postage paid federal envelopes are in violation of 18 USC section 1719 and will not be considered. Candidates will be evaluated on the basis of the available information on the AGO Form 690-47-R-E.

FREEDOM OF INFORMATION AND PRIVACY ACT STATEMENT: See AGO FORM 690-47-R-E.

Reference: WV HRO 300-1 Dated 15 Jul 1999, HRO Web page POSTING:

POSTING: This announcement will be posted on all bulletin boards for the duration of the announcement period.

Encl  
as

DOYLE R. HAYES, JR.  
MAJ, WVANG  
Supervisory Human Resource Specialist

**WG-2610-12**  
**F80096000**

## DUTIES AND RESPONSIBILITIES

This position is located in the Aircraft Maintenance Organization. Performs maintenance on one or more complete electronic integrated systems such as the Fuel Savings Advisory System, Self Contained Navigation System, All Weather Landing System, and Malfunction Detection, Analysis, and Recording System. Completes operational checks, inspections, tests, and trouble shooting of line replaceable units which are linked with the integrated systems and, also a number of LRUs which are linked with the integrated systems and, also a number of LRUs which are independent or associated with nonintegrated systems. Isolates unusual malfunctions using technical orders, schematics and wiring diagrams, tools, and test equipment including automatic test equipment. Solves problems by analyzing installation, circuitry, and operating characteristics of the systems. Adjusts and aligns system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Removes faulty LRUs for shop repair. Install serviceable components into aircraft and performs total systems alignment and harmonization in accordance with existing technical orders and directives. Accomplishes technical order systems checkout for proper operation. Maintains, modifies, calibrates and inspects a wide variety of user test, measurement, and diagnostic equipment. Performs maintenance on automatic flight control systems, instrument systems, communications and navigation systems, and inertial inspection, modification of components and systems and completes systems checkout for proper operation. Maintains, modifies, calibrates and inspects a wide variety of user test, measurement, and diagnostic equipment. Performs maintenance on automatic flight control systems, instrument systems, communications and navigation systems, and inertial navigation's systems. Completes bench check, testing, repair, inspection, modification, programming, reprogramming, mating, adjusting, alignment, and analyzing of LRUs and shop replaceable units. Uses a variety of test equipment such as automatic test equipment, oscilloscopes, frequency counters, phase-angle voltmeters, optical alignment equipment, digital pitot-static testers, programming units and special purpose test analyzers. Tests and troubleshoots solid state electronic assemblies and subassemblies such as circuit cards, modules, rate generators, electronic control amplifiers, electro-mechanical assemblies, random access memories, programmable read only memories, and various integrated circuits. Identifies faulty part and repairs to level authorized. Reassembles unit after repair, performs alignment and makes shop checks. Recommends methods to improve equipment performance, technical data, and maintenance procedures by reporting hardware and software malfunctions, initiates material deficiency reports both on equipment and in technical data, and assists in design changes as of system malfunctions then documents all maintenance performed and records information related to the system, lures or Surds on both aircraft and historical records. Conducts on-the-job training on assigned systems and related support equipment and tasks to include classroom instruction as necessary. Processes and accounts for due-in from maintenance supply assets. Ensures that material and equipment are properly stored, protected and maintained and that funds are not obligated for material or parts without proper justification. Prepares for and participates in various types of readiness evaluations such as Operational Readiness Inspections, Inspector General inspections, and Unit Effectiveness Inspections and mobility and command support exercises. May be required to perform additional duties such as structural fire fighting, aircraft fire/crash/rescue duty, serve as a security guard, remove snow, load and handle munitions, launch/recover and service aircraft, operate heavy equipment, maintain facilities and equipment, or serve as a member of a team to cope with natural disasters or civil emergencies. Complies with safety, fire, security, and housekeeping regulations. Performs other duties as assigned.

## QUALIFICATION REQUIREMENTS

- 1. General:** Must have experience, education, or training which demonstrates a knowledge of electronics principles involved in a number of applications such as radar, data processing, and data display, as well as mechanical and hydraulic knowledge involved in operations of equipment such as control valves, gyros, turrets, and mounts and mechanical computing devices.
- 2. Specialized Experience:** Must have 18 months of the following: experience in utilizing principles, basic functions and application of theory of electronics to one or more complex integrated systems; work which required one to solve varied arithmetic problems, including computation of unstated values on drawings, requiring trigonometry and algebra; experience which required an individual to understand effects of malfunctions throughout interrelated units, such as, trace an apparent operating error in hydraulic controls of a gun mount back to the actual failure of a tactical computer to integrate yaw, pitch azimuth, and velocity inputs; experience in diagnosing and determining needed repairs for malfunctions in electronic systems where knowledge of the entire system is necessary to interpret error data and trace back through a number of units of the system to locate deficiencies; experience which required incumbent to interpret and apply drawings, schematics and diagrams for integrated electronic systems; experience which required the use of hand tools, precision measuring and calibrating equipment; experience which required the use of highly complex testing equipment such as millivoltmeters, frequency meters, oscilloscopes, dial indicators, micrometers, etc.

## KNOWLEDGE, SKILLS AND ABILITIES:

1. Ability to apply electronic theories and practices to identify, isolate and repair malfunctions.

2. Knowledge of the principles of digital and analog circuits, devices, solid state devices theory, digital techniques, synchro/servo operation and integrated circuit theory.
3. Knowledge of the Technical Order System.
4. Ability to interpret and trace schematic, logic and wiring diagrams and use a wide variety of test, measurement, and diagnostic equipment.

Military Compatibility: E: 2A0XX, 2A5XX, 2A3XX.